

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038308.D
 Acq On : 16 Oct 2023 16:55
 Operator : JC/MD
 Sample : 04899-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:25:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

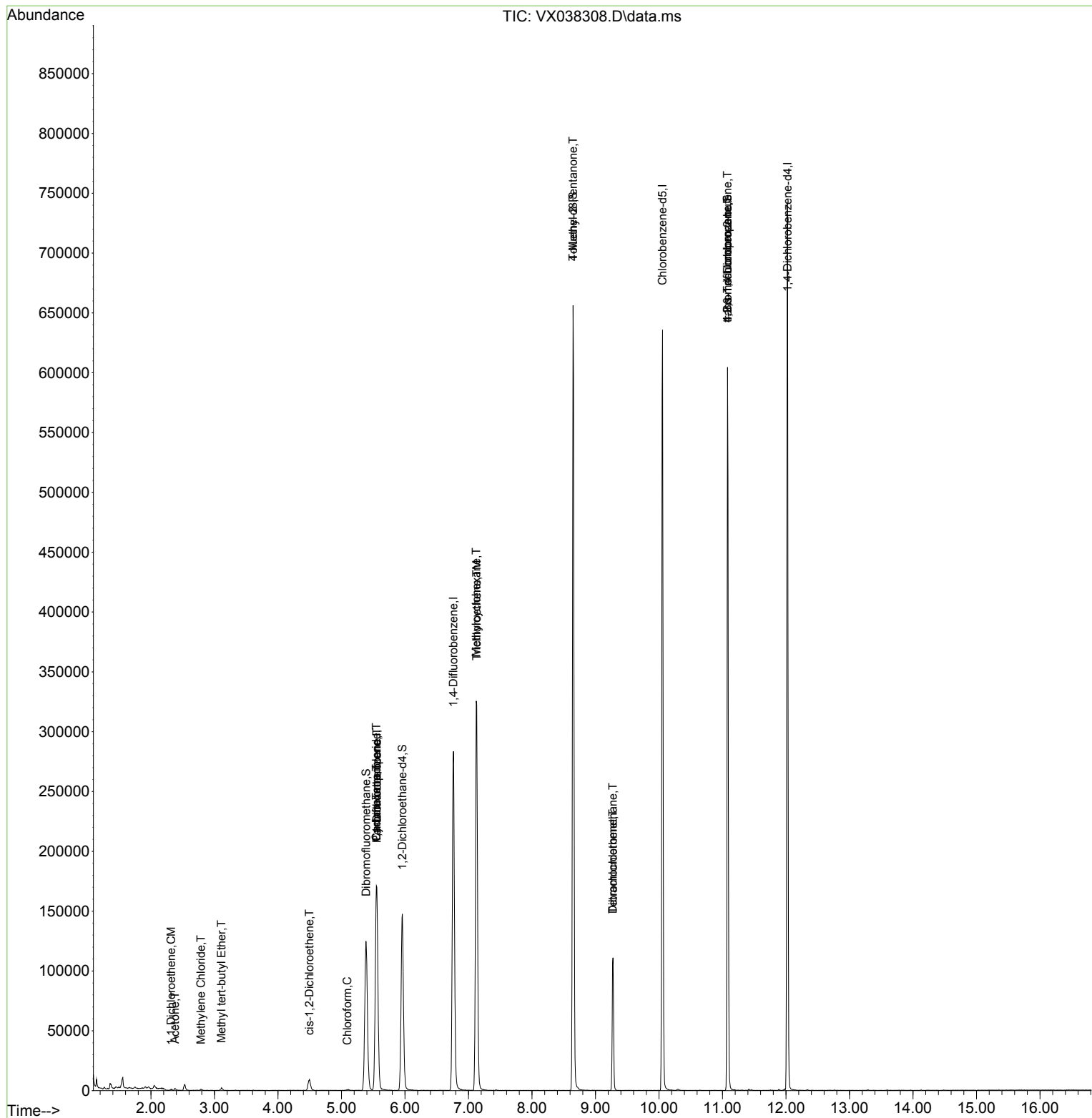
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	163409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	289770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138703	52.772	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.540%	
35) Dibromofluoromethane	5.385	113	106400	50.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.920%	
50) Toluene-d8	8.647	98	397676	49.842	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.680%	
62) 4-Bromofluorobenzene	11.079	95	153021	50.589	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.180%	
Target Compounds						Qvalue
5) Bromomethane	1.612	94	45	Below Cal	#	3
6) Chloroethane	1.660	64	80	Below Cal	#	43
12) 1,1-Dichloroethene	2.319	96	354	0.237	ug/l #	46
16) Acetone	2.380	43	1563	1.425	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	1818	0.305	ug/l	98
20) Methylene Chloride	2.788	84	481	0.233	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	6011	2.727	ug/l	82
30) Chloroform	5.093	83	968	0.260	ug/l #	72
31) Cyclohexane	5.550	56	3987	1.400	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	13534	4.700	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17177	6.064	ug/l #	15
39) Methylcyclohexane	7.123	83	1559	0.462	ug/l #	1
44) Trichloroethene	7.129	130	118236	56.134	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1727	0.490	ug/l #	1
60) Dibromochloromethane	9.275	129	19802	9.017	ug/l #	11
64) Tetrachloroethene	9.275	164	20302	10.856	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	83158	23.861	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	83158	68.086	ug/l #	5

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 04899-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

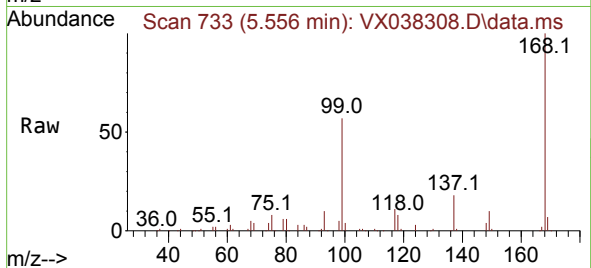
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



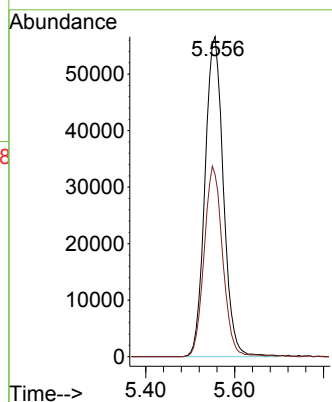
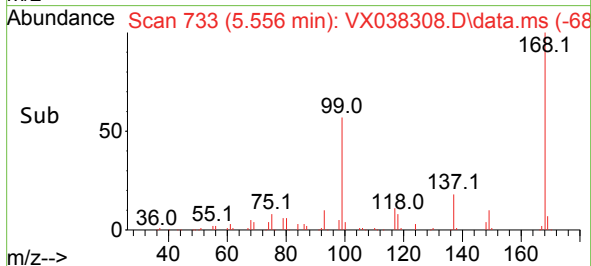


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

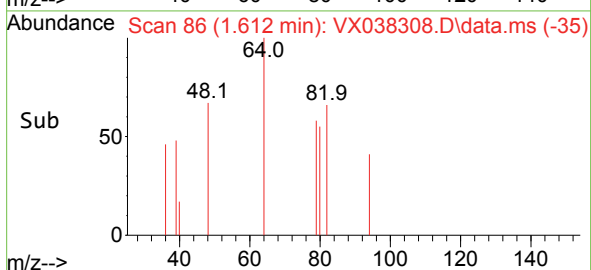
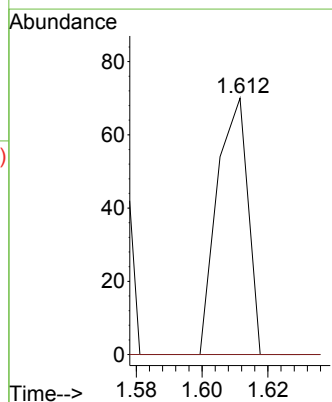
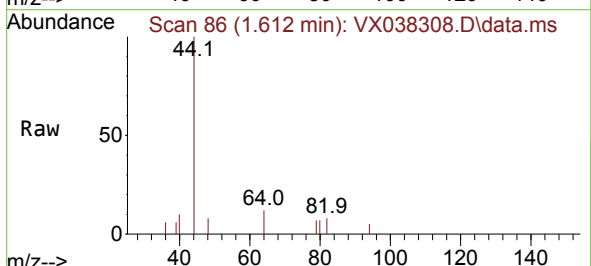


Tgt Ion:168 Resp: 163409
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

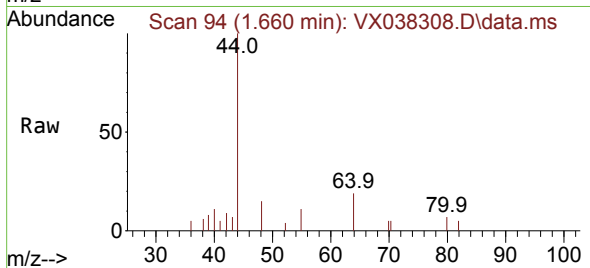
Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



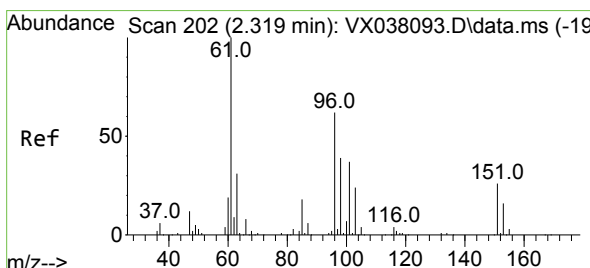
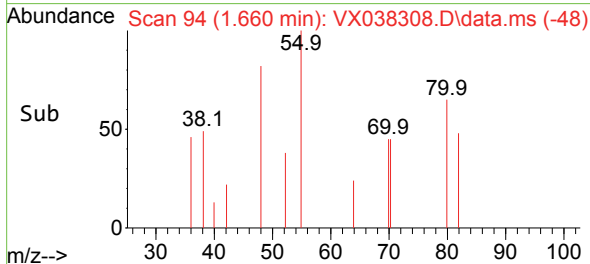
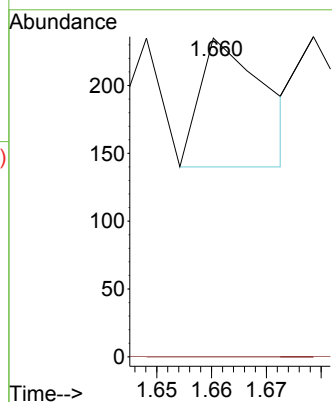


#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

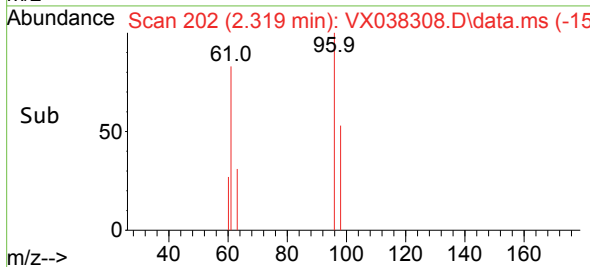
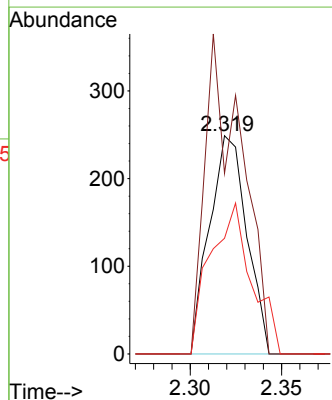
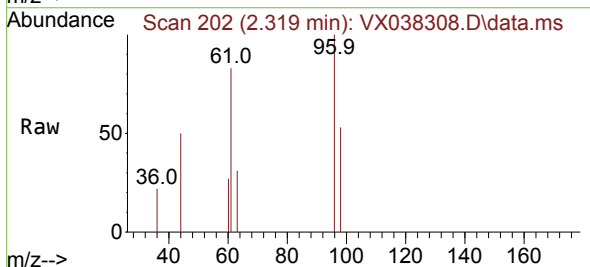


Tgt Ion: 64 Resp: 80
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#12
1,1-Dichloroethene
Concen: 0.237 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Tgt Ion: 96 Resp: 354
Ion Ratio Lower Upper
96 100
61 82.7 144.6 216.8#
98 53.0 50.4 75.6

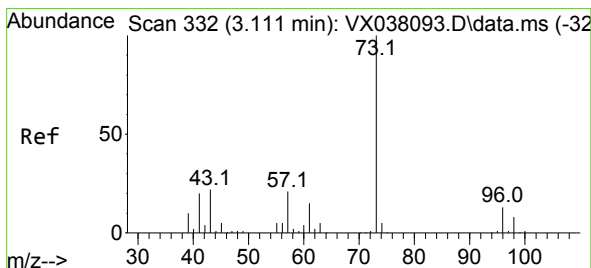
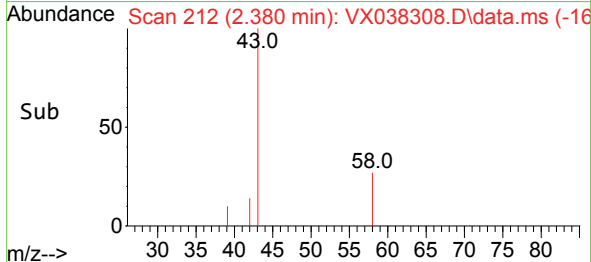
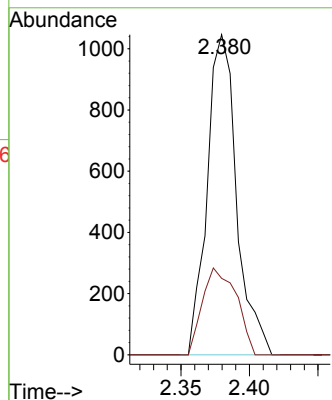
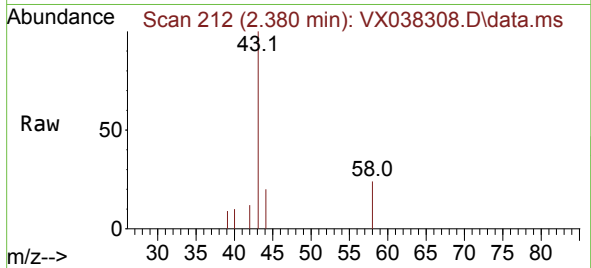




#16
Acetone
Concen: 1.425 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

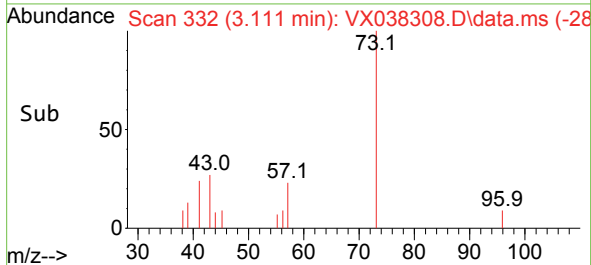
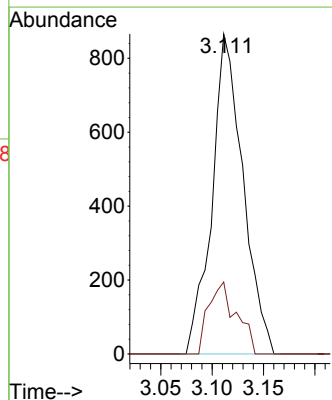
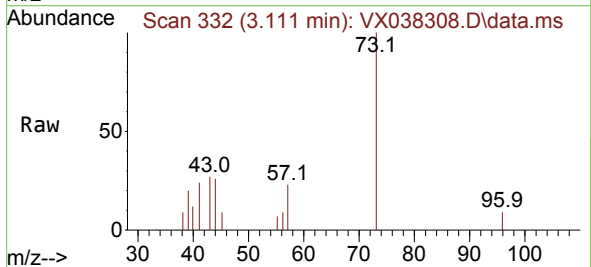
Instrument :
MSVOA_X
ClientSampleId :

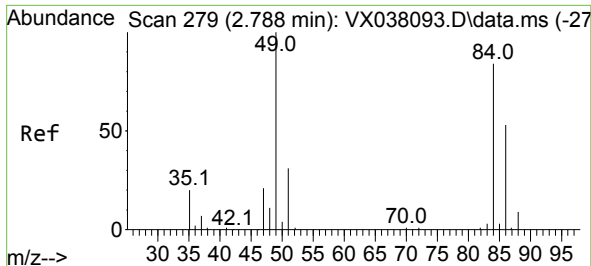
Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
58 23.9 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 0.305 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

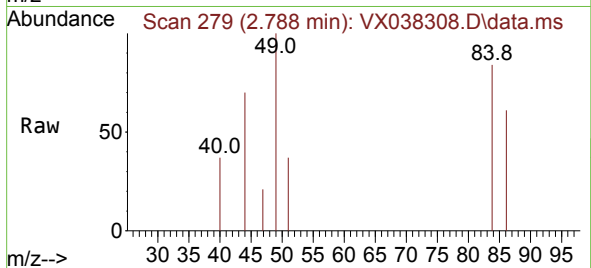
Tgt Ion: 73 Resp: 1818
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



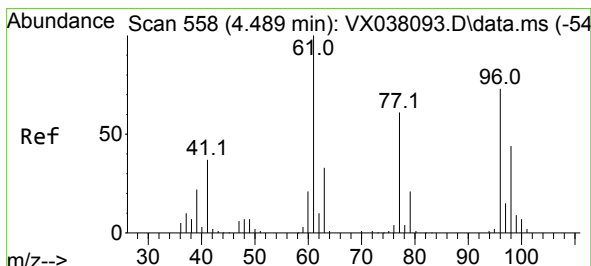
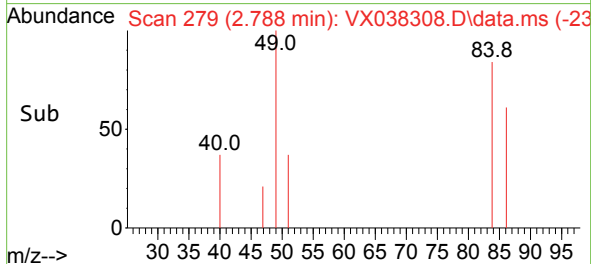
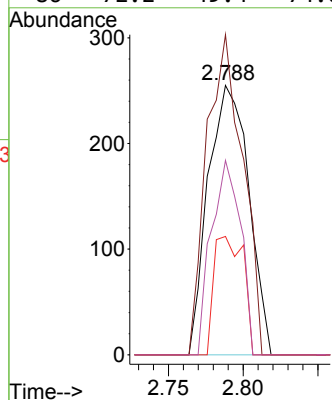


#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

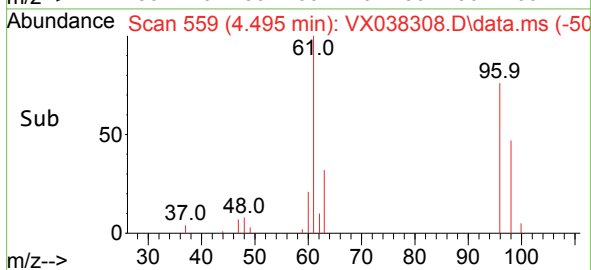
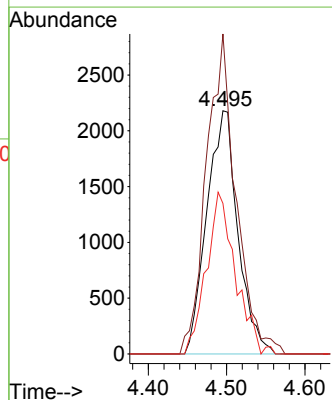
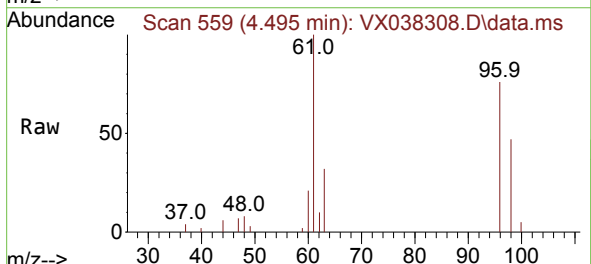


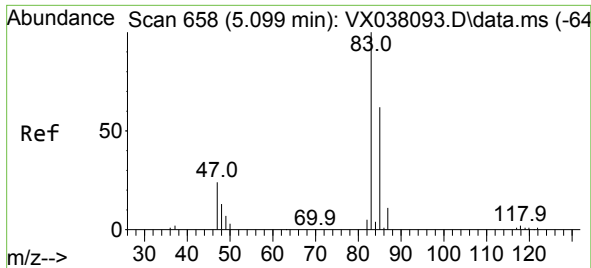
Tgt Ion: 84	Resp: 481
Ion Ratio	Lower Upper
84 100	
49 118.8	103.6 155.4
51 43.9	33.8 50.6
86 72.2	49.4 74.0



#27
cis-1,2-Dichloroethene
Concen: 2.727 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Tgt Ion: 96	Resp: 6011		
Ion Ratio	Lower	Upper	
96	100		
61	125.3	0.0	312.2
98	62.1	0.0	129.0

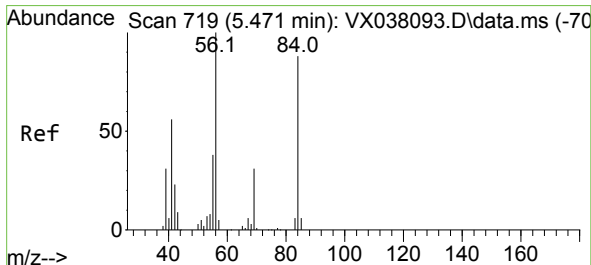
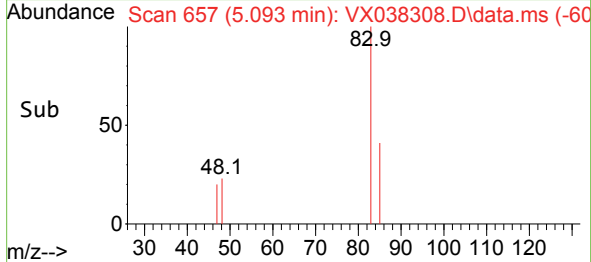
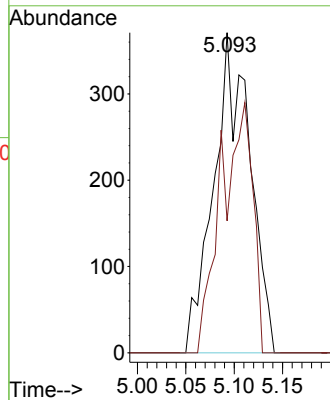
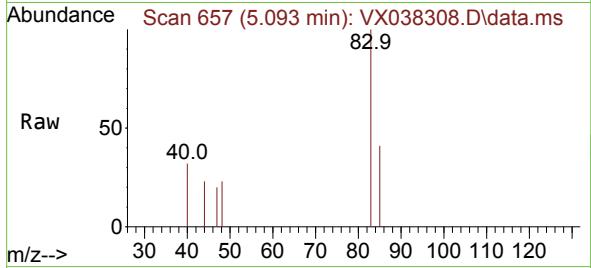




#30
Chloroform
Concen: 0.260 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

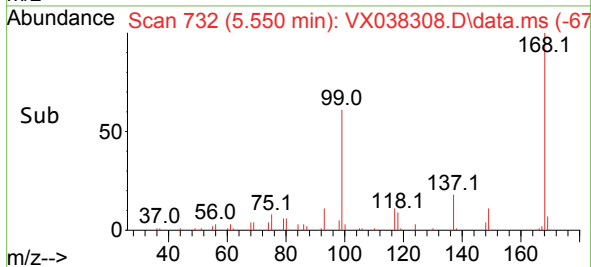
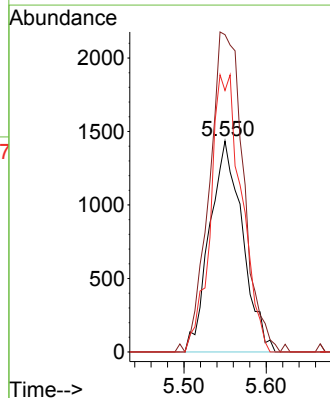
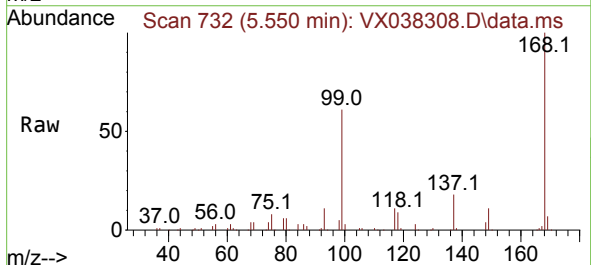
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MSVOA_X
ClientSampleId :

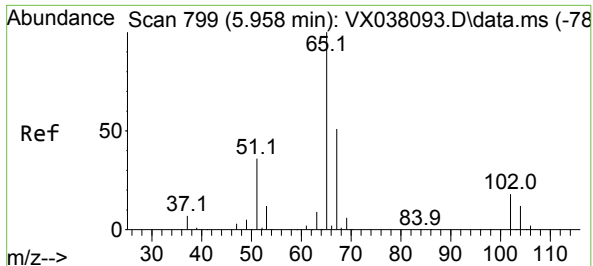
Tgt Ion: 83 Resp: 968
Ion Ratio Lower Upper
83 100
85 41.2 50.3 75.5#



#31
Cyclohexane
Concen: 1.400 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Tgt Ion: 56 Resp: 3987
Ion Ratio Lower Upper
56 100
69 150.5 23.4 35.2#
84 124.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.772 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038308.D

Acq: 16 Oct 2023 16:55

Instrument :

MSVOA_X

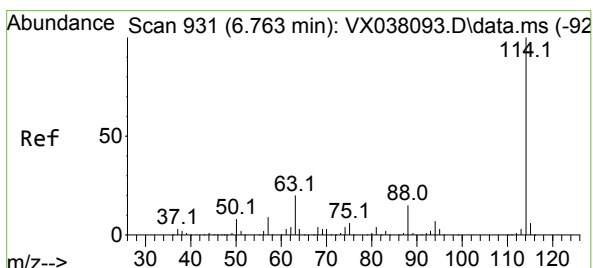
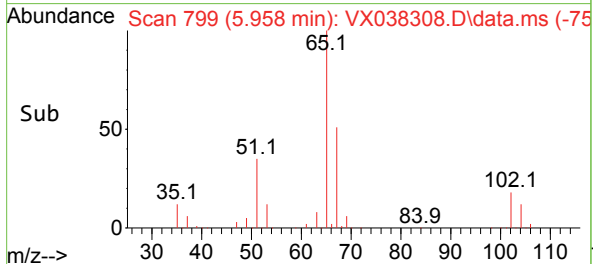
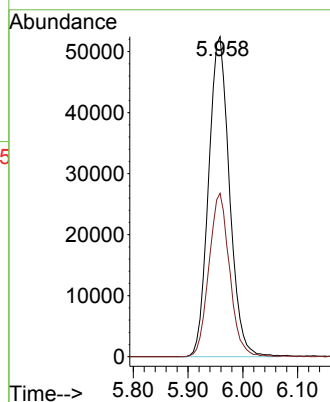
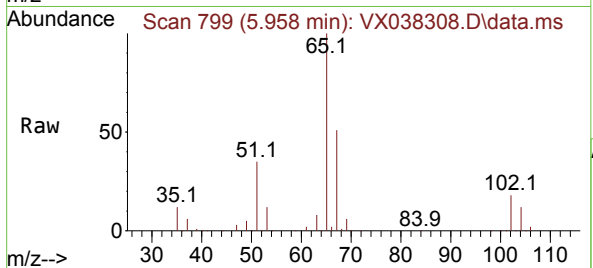
ClientSampleId :

Tgt Ion: 65 Resp: 138703

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038308.D

Acq: 16 Oct 2023 16:55

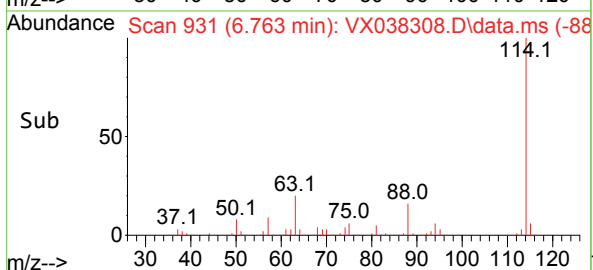
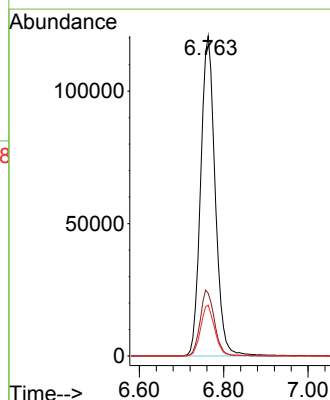
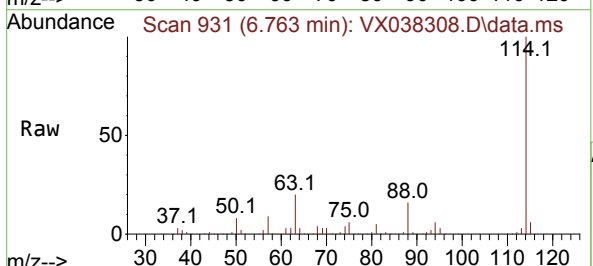
Tgt Ion:114 Resp: 289770

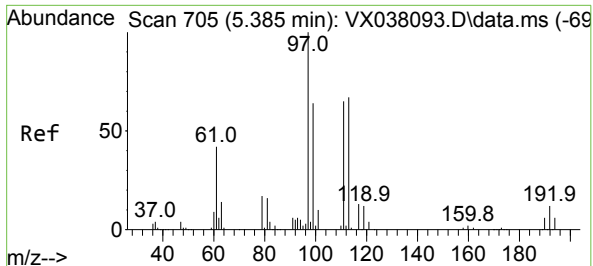
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

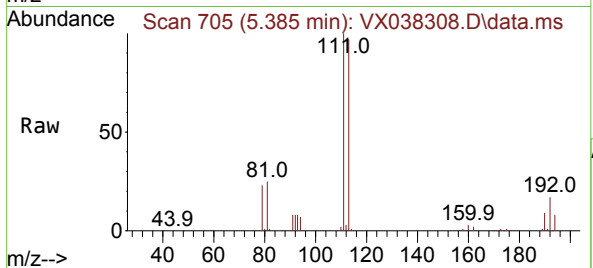
88 15.9 0.0 36.6



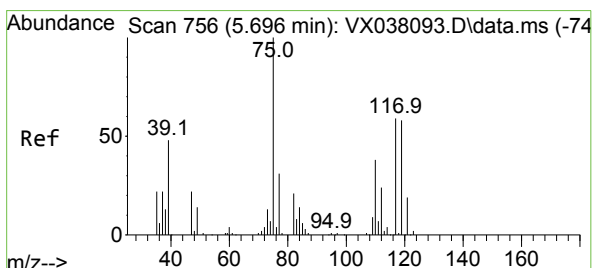
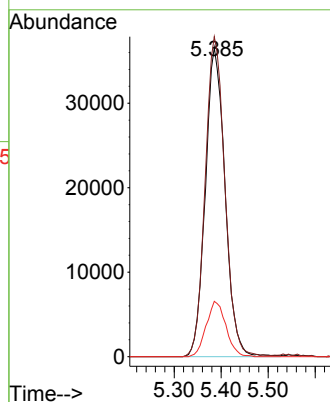
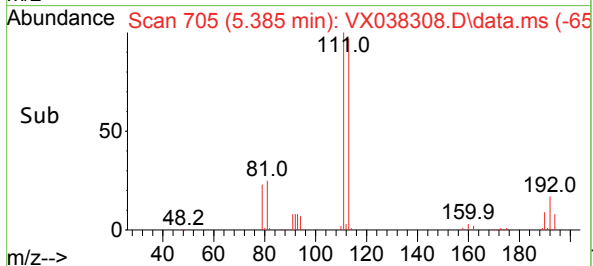


#35
Dibromofluoromethane
Concen: 50.958 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

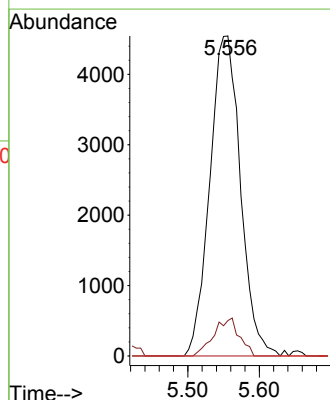
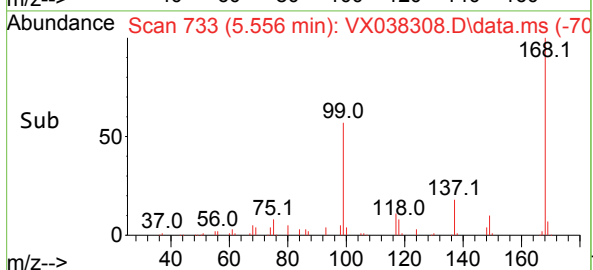
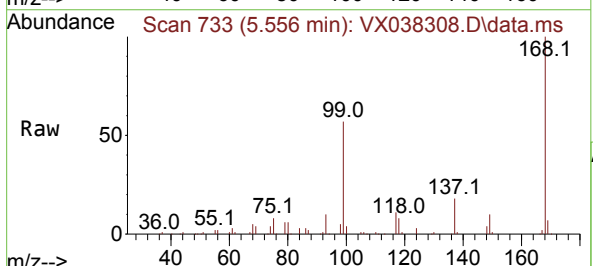


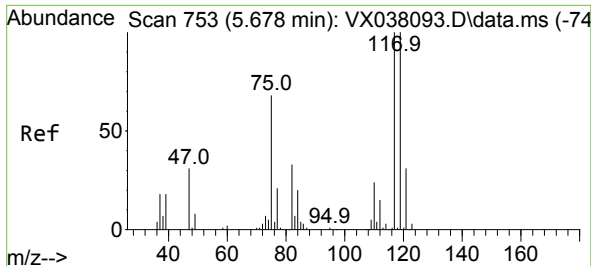
Tgt Ion:113 Resp: 106400
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.700 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

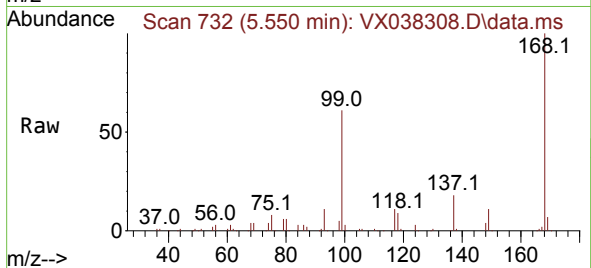
Tgt Ion: 75 Resp: 13534
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



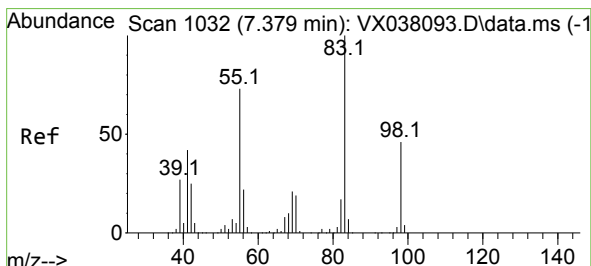
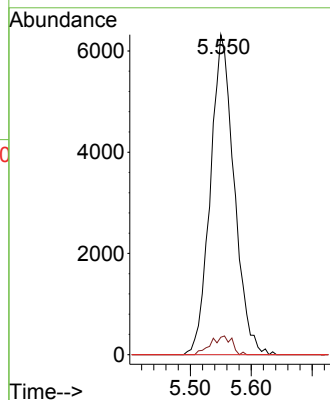
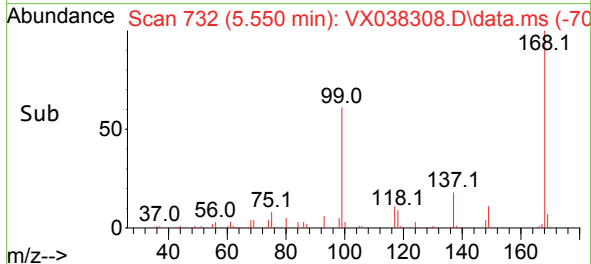


#38
Carbon Tetrachloride
Concen: 6.064 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

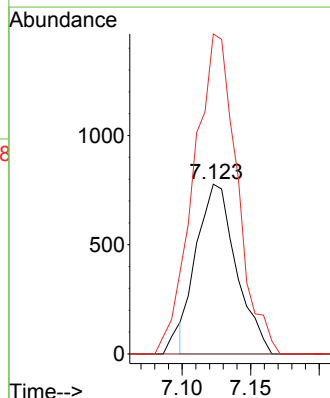
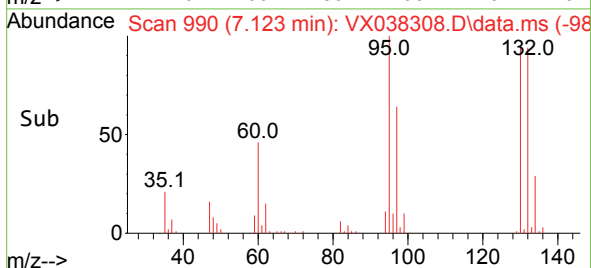
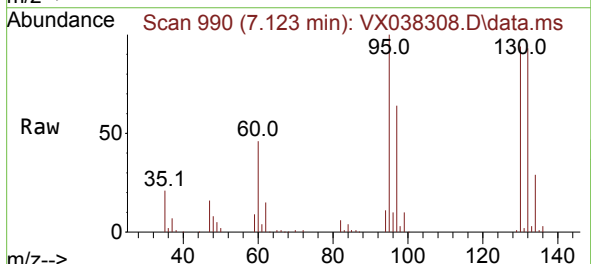


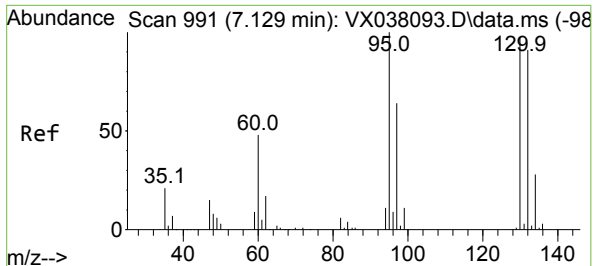
Tgt Ion:117 Resp: 17177
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.462 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

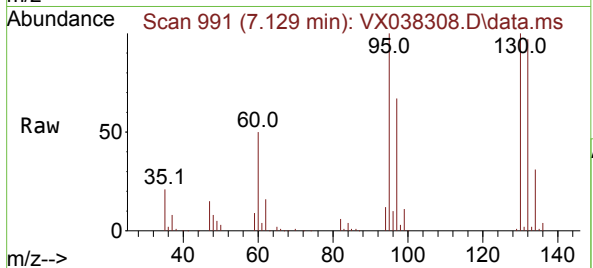
Tgt Ion: 83 Resp: 1559
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 188.5 36.7 55.1#



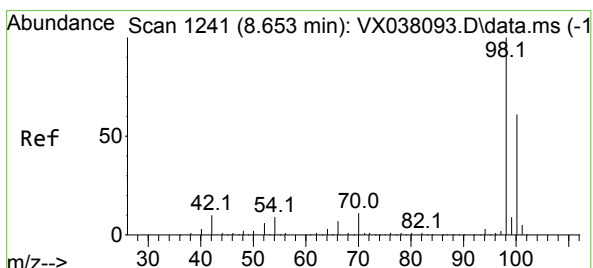
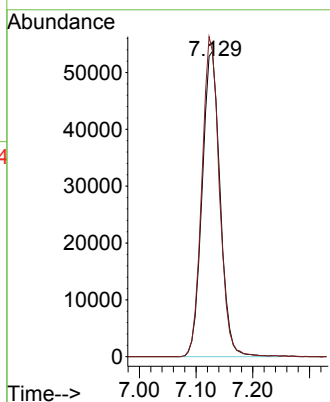
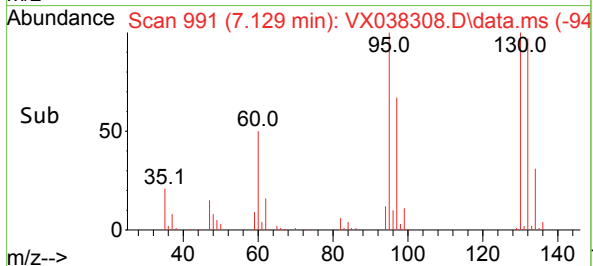


#44
Trichloroethene
Concen: 56.134 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

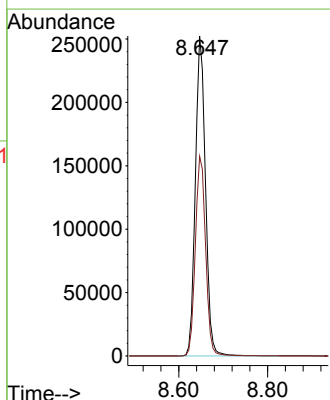
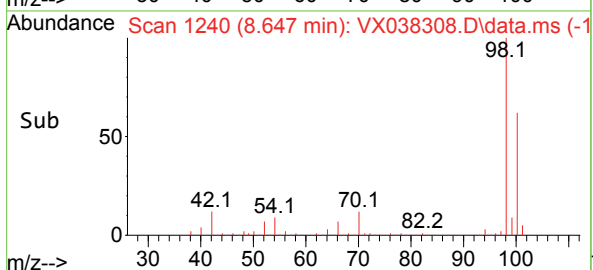
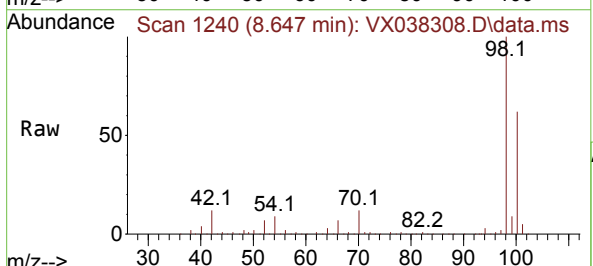


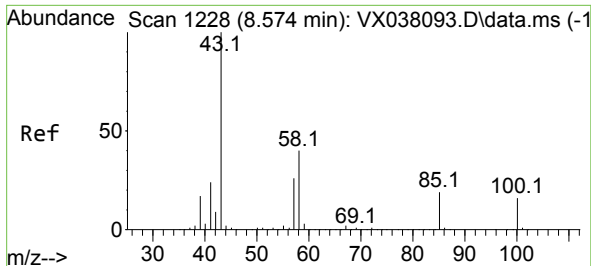
Tgt Ion:130 Resp: 118236
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.4



#50
Toluene-d8
Concen: 49.842 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Tgt Ion: 98 Resp: 397676
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

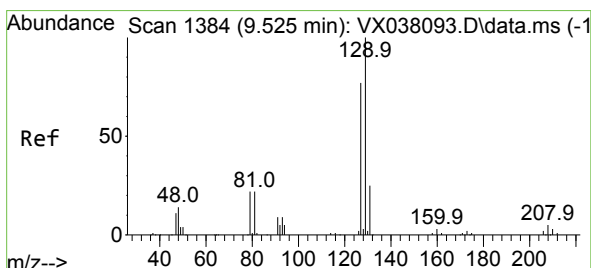
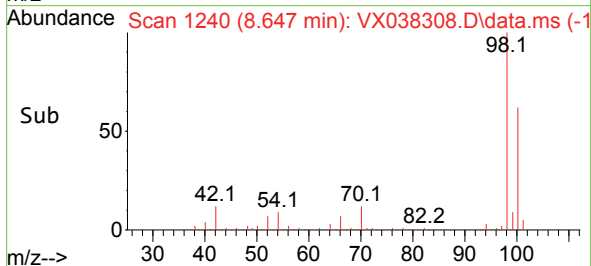
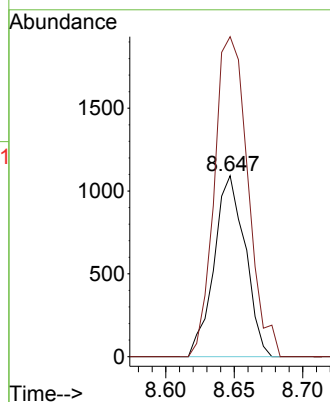
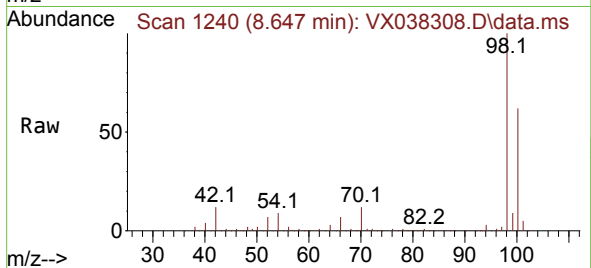




#51
4-Methyl-2-Pentanone
Concen: 0.490 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

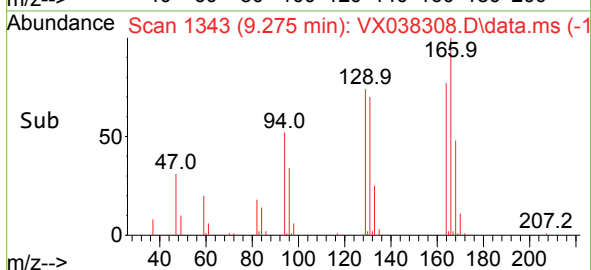
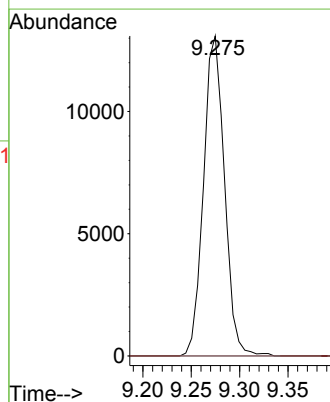
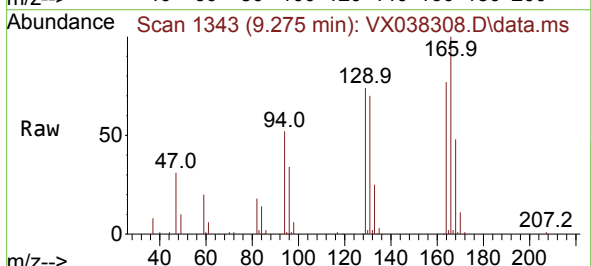
Instrument :
MSVOA_X
ClientSampleId :

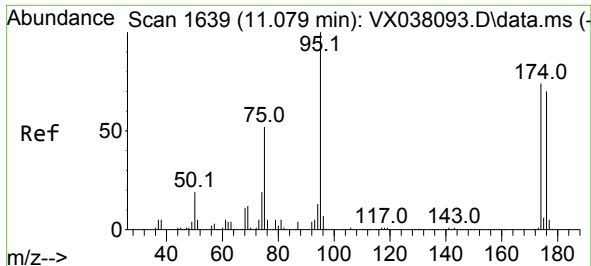
Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
58 190.6 30.4 45.6#



#60
Dibromochloromethane
Concen: 9.017 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Tgt Ion: 129 Resp: 19802
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

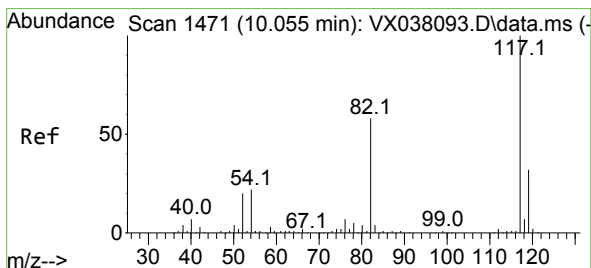
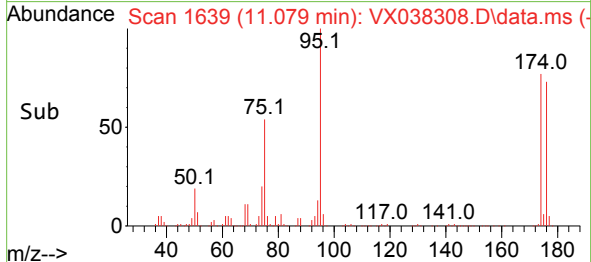
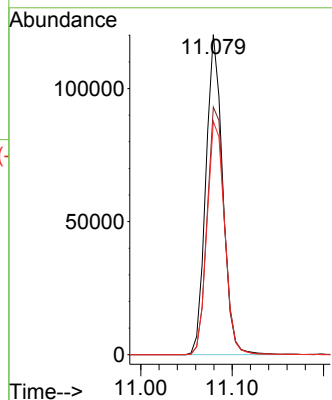
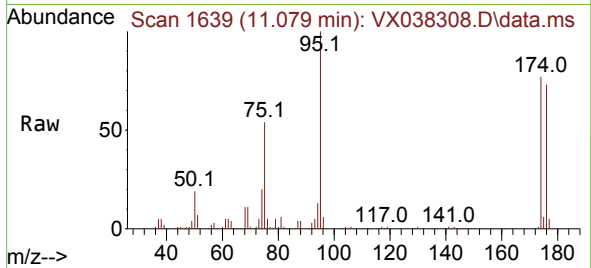




#62
4-Bromofluorobenzene
Concen: 50.589 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

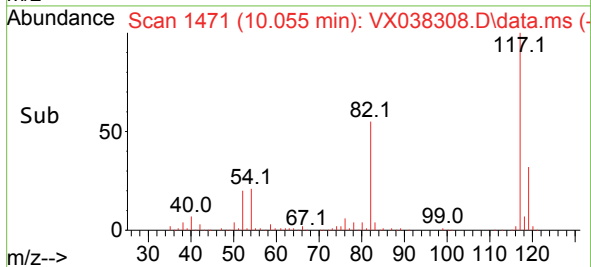
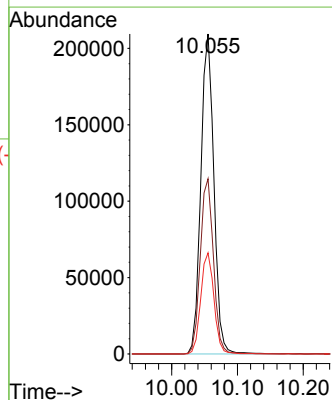
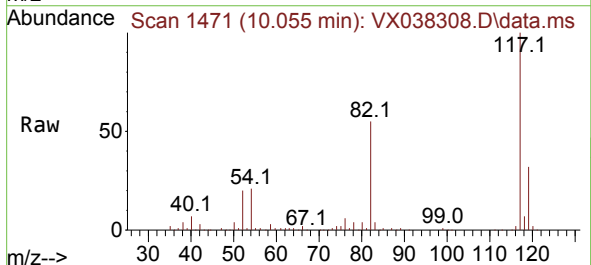
Instrument :
MSVOA_X
ClientSampleId :

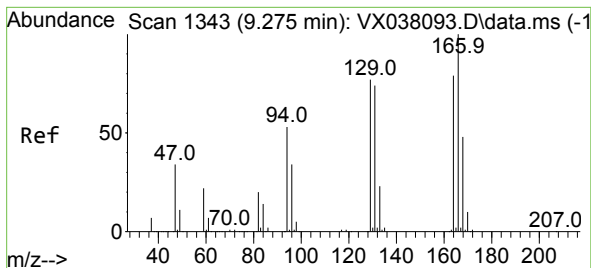
Tgt Ion: 95 Resp: 153021
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 76.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Tgt Ion: 117 Resp: 288868
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.6 25.5 38.3





#64

Tetrachloroethene

Concen: 10.856 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

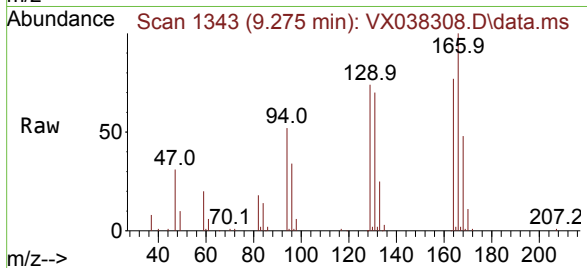
Lab File: VX038308.D

Acq: 16 Oct 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 20302

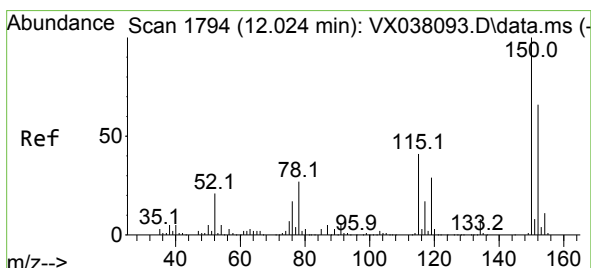
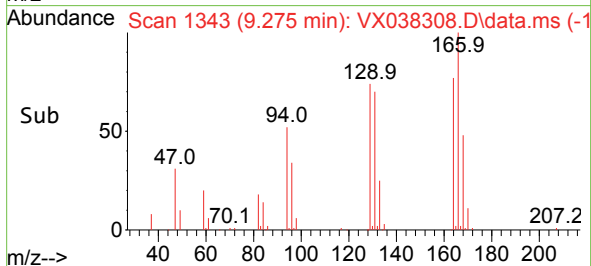
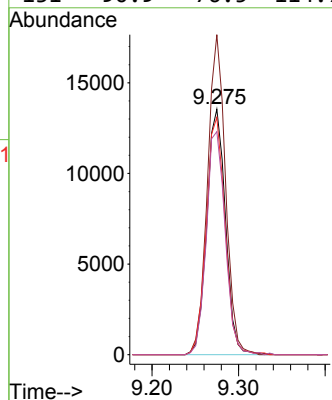
Ion Ratio Lower Upper

164 100

166 130.4 102.7 154.1

129 96.7 80.4 120.6

131 90.9 76.5 114.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038308.D

Acq: 16 Oct 2023 16:55

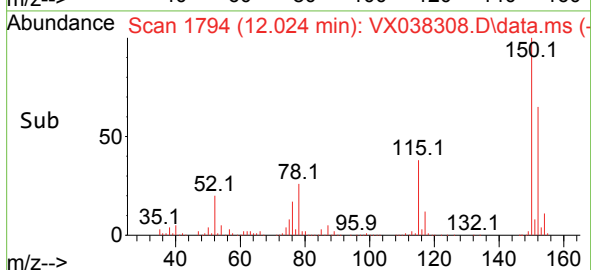
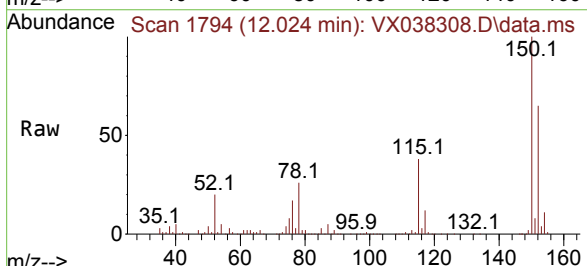
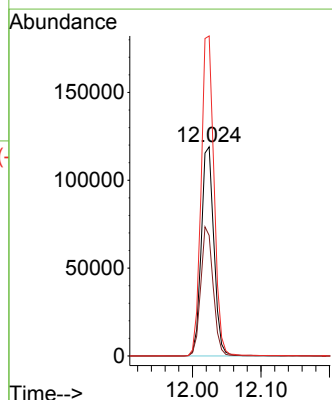
Tgt Ion:152 Resp: 153300

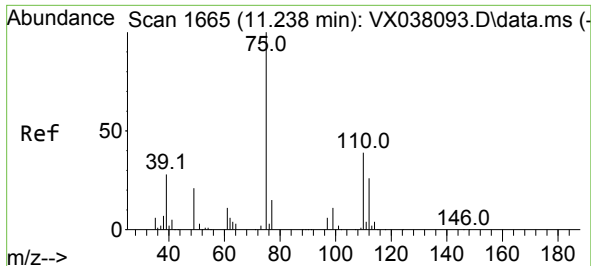
Ion Ratio Lower Upper

152 100

115 60.8 43.3 129.9

150 156.3 0.0 345.0

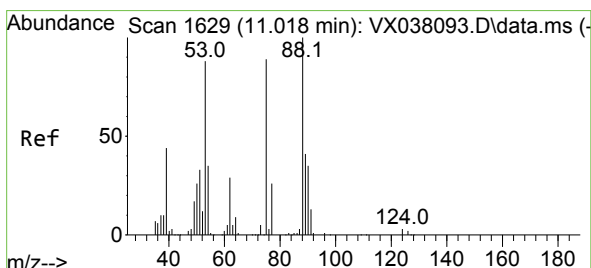
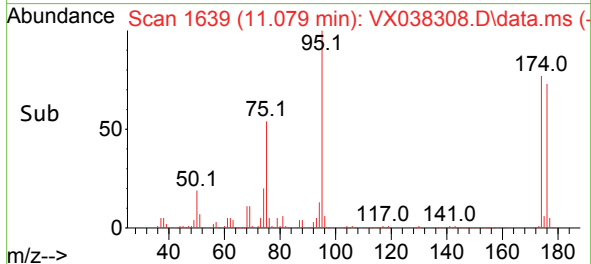
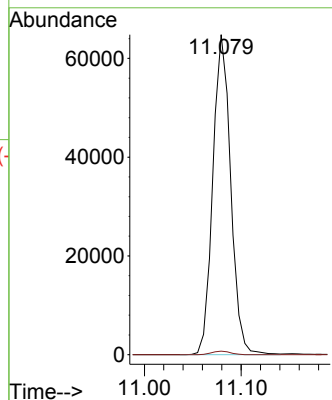
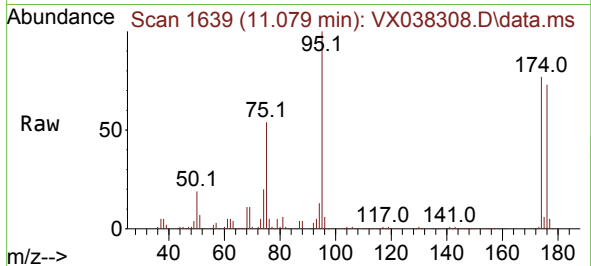




#76
1,2,3-Trichloropropane
Concen: 23.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 83158
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Tgt Ion: 75 Resp: 83158
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

